Work Order ID <i>Monday,' July 26, 2010</i>											
Item ID: D3493 Revision ID: Item Name: Washer			Accept	11			S	etup Start Stop	1 10 0 12 10 1		
Start Date: 7/26/2 Required Date: 8/3/20 Reference:	C.,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Cust Item ID) :			· · · · · · · · · · · · · · · · · · ·	1 18871191 FI	118 11 6 1481 188 1	
Approvals: Proce	ess Plan:	Date: 11 7	Tooling: SPC (Y/N):	Dat		· · · · · · · · · · · · · · · · · · ·	R	un Start Stop			
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool# F	lan Ac Code Q	ccept ty		Reject Number	Insp. Stamp	
Draw Nbr D3493	Revision Nbr			!	• •						
100	Rev A		0.00					· · · · · · · · · · · · · · · · · · ·			
	Hardinge CNC LATHE	SMALL	0.00	ı		7	$\overline{}$				
Hardinge	Memo		0.00	1	 ;	7		$-\mathcal{D}$			
Hardinge CNC Lathe Small	1-Turn as p	er Folio FA626 & Dwg I	03493 12-Deburr 1009/	31							
110	QC2- Inspect parts off r	nachine FAI/FAIB	0.00					. /			
				. }		7	0	B			
QC Quality Control	Memo	5	10/07/	ا (ک						y-10-4-	
- 120 	QC8- Inspect parts - sec	ond check	0.00		×.						
QC			0.00				20	_0		4.5	
Quality Control	Мето		0.00 / M >				-	:			
			10/07/81	1				į			

Dart	Aeros	pace	Ltd
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DATE	STEP	PRO	OCEDURE CH	IANGE	В	У	Date	City	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
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						 		-			
Part No	:	PAR #:	Fault Ca	tegory:	NCR:	Yes N	o DQA :		Date: _		
	R	esolution:	Disposit	ion:	QA: N	/C Clos	sed:	Date:			
NCR:			WORK OR	DER NON-CONFORM	IANCE (NCR)					
DATE	STEP	Description of NC	Initial	Corrective Action Se Action Description	ction B	ign &	Verifica		Approval	Approval	
		Section A	Chief Eng	Chief Eng		Date	Section		Chief Eng	QC Inspector	
							-				

Work Order ID 60873

Monday, July 26, 2010 12:27:24 PM



Page 2

Item ID:

D3493-1

Accept

Setup Start

Stop



Revision ID:

Washer Item Name:

Required Date: 8/3/2010

7/26/2010

Start Qty: 30.00 Req'd Qty: 30.00

Cust Item ID: Customer:

Reference:

Start Date:

Approvals:

Process Plan:

QC:_

Date:

Date:_____ SPC (Y/N):

Tooling:

Date:

Date:

Run

Start

Stop



Sequence ID/ Work Center ID

130

Packaging

Packaging

Operation Description

Identify as per dwg & Stock Location: (762

0.00

Set Up/

Run Hours

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Number Stamp

Insp.

140

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

Memo

0.00

	-								•
W/O:			W	ORK ORDER CHANG	ES				***
DATE	STEP	PRC	CEDURE CHA	ANGE	Ву	Date	Qy	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #:							
	R	esolution:					-	Date: _	
NCR:		\	WORK ORD	ER NON-CONFORMA	INCE (NC	K)			
DATE	STEP	Description of NC	Corrective Action Section B Initial Action Description			Sign & Verific		Approval	Approval
		Section A	Chief Eng	Chief Eng	Dat		n C	Chief Eng	QC Inspector
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Picklist Print

Monday, July 26, 2010 12:27:29 PM

Work Order ID: 60873

Parent Item:

D3493-1

Parent Item Name: Washer



Start Date: 7/26/2010

Required Date: 8/3/2010

Page 1

Start Qty: 30.00

Required Qty: 30.00

Comments:

IPP Rev: A New Issue 06-02-28 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304R1.000		Purchased	No			100	f	83.0700	0.0291	0.918947	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		
										1			

304 round bar 1.00

Location	Loc Oty	Loc Code
MAT029	83.07	
109508	12.5	
109541	21.9	
113457	48.67	

1.0 sh 10/04/31

Dart Aerospace Ltd

W/O:			W	ORK ORDER CHAI	NGES					
DATE	STEP	PRO	CEDURE CH	IANGE		Ву	Date	Qу	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									L	
		·								
Part No	:	PAR #:	Fault Ca	tegory:	NC	R: Yes I	No DQA:	L	Date: _	
	R	esolution:	Disposit	ion:	QA	: N/C Clo	sed:	1	Date: _	
NCR:			WORK OR	DER NON-CONFOR	MANCE	(NCR)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Action Description Chief Eng	Section B	Sign & Date	Verifica Section	ion C	Approval Chief Eng	Approval QC Inspector
			Onnot Ling	Ollior Eng						
										-
				·						

DART AEROSPACE LTD	Work Order:	60873
Description: Washer	Part Number:	D3493-1
Inspection Dwg: D3493 Rev: A		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

	X	First Article		Prototype	e	
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
0.192	+0.000/-0.005	.191	/		Oen	51-7
Ø1.000	+/-0.010	0,796	/			
Ø0.958 x 100°	+/-0.010	0,9551100				
Ø0.516	+0.008/-0.001	0.519				
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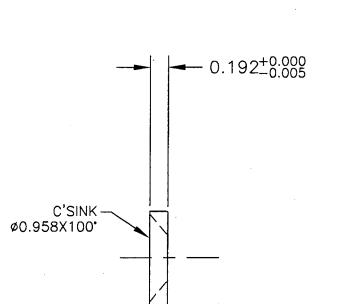
Measured by:	<i></i>		Aud	dited by:	MW=	Prototype Approval:	N/A
Date:	10	07/31		Date:	vo 107/31	Date:	N/A

Rev	Date	Change	Revised by	Approved
Α	06.09.01	New Issue	KJ/JLM	
В	06.11.22	Ø0.516 dimension removed	KJ/JLM 1.A	
С	08.04.30	Dimensions updated	KJ/DD	

Dart Ae	rospace L	.td									
W/O:			WC	RK ORDER CHANG	ES						
DATE STEP		PF	PROCEDURE CHANGE				Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspector		
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				,							
Part No:		PAR #:	Fault Cate	gory:	_ NCR: Yes	NCR: Yes No DQA: Date:					
	Res	colution:	Disposition:			QA: N/C Closed: Date:					
NCR:			WORK ORDI	R NON-CONFORM	ANCE (NC	R)					
		Description of NC	Corrective Action		ion B	Verifica	Verification		Approva		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat	& Section		Approval Chief Eng	QC Inspecto		
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DES	IGN	PH	DRAWN BY	DART	AEROSPACE PORT HADLOCK, V		INC.
CHE	CKED	.nd	APPROVED A	DRAWING NO.			REV. A
		#	#	D3493		SH	EET 1 OF 1
DAT	E	.,	.	TITLE			SCALE
06	.01.	04		WASHER			1:1
Α			06.01.04	NEW ISSU	JE		



SHOPCOMY RETURN TO ENCINEERGNO UNCONTROLL OF COMY SUBJECT TO AMENDMES OF WITHOUT MOTICE MOKK ON THE Bl10.7-24 Ø1.000

Ø0.516

D3493-1 WASHER

D3493-1 WASHER

- AISI 304/316 STAINLESS STEEL Ø1.000 ROUND BAR MATERIAL: (REF DART MATERIAL SPEC M304R1.000)
- ALL DIMENSIONS ARE IN INCHES 2)
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- BREAK SHARP EDGES 0.005 TO 0.010 MAX



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Dart Ae	rospace	e Ltd									
W/O:				WO	RK ORDER CHANG	GES					
DATE STEP			PROCEDURE CHANGE				Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No:		PAR #:	Fault Category:			NCR: Yes No DQA: Date:					
Resolution:		on:	Disposition:			QA: N/C Closed: Date:					
NCR:				WORK ORDE	R NON-CONFORM	IANC	E (NCF	3)			
	· .		Description of NC	Corrective Action		Section B		Verif	ication	Approval	Approvai
DATE	STEP		Section A	Initial Chief Eng	Action Description Chief Eng					Chief Eng	QC Inspector
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